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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number

10/643,628

Filing Date

August 18, 2003

First Named Inventor

Wei, Li

Art Unit

2166

Examiner Name

Saeed, Usmaan

Sheet

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Attorney Docket Number

50277-2250

U.S.PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# Kribwn})	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/US/		US-6,192,374 B1	02-10-2001	Lawrence		
7US/		US-2003/0149554 A1	08-07-2003	Lambert et al.		
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	· Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	T ^đ
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Examiner Name	Saeed, Usmaan			
Attorney Docket Number	50277-2250			

	NON PATENT LITERATURE DOCUMENTS	
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AGRAWAL, RAKESH et al., "Mining Association Rules Between Sets of Items in Large Database," SIGMOND -1993, ACM Issue 2, Volume 22, pp. 207-216.	
	BURDICK, DOUG et al., "MAFIA: A Maximal Frequent Itemset Algorithm for Transactional Databases," 17 th International Conference on Data Engineering-2001, retrieved fromhttp://www.almaden.ibm/cs/projects/lis/hdp/Publications/papers/sigmond93.pdf, pp. 1-6.	
	GRAHNE, GÖSTA et al., "High Performance Mining in Maximal Frequent Itemsets," May 17, 2005, retrieved from the internet at http://www.cs.concordia.ca/db/dbdm/hpdm/hpdm03.pdf, 10 pages.	
		Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s). publisher, city and/or country where published. AGRAWAL, RAKESH et al., "Mining Association Rules Between Sets of Items in Large Database," SIGMOND -1993, ACM Issue 2, Volume 22, pp. 207-216. BURDICK, DOUG et al., "MAFIA: A Maximal Frequent Itemset Algorithm for Transactional Databases," 17 th International Conference on Data Engineering-2001, retrieved fromhttp://www.almaden.ibm/cs/projects/lis/hdp/Publications/papers/sigmond93.pdf, pp. 1-6. GRAHNE, GÖSTA et al., "High Performance Mining in Maximal Frequent Itemsets," May 17, 2005, retrieved from the internet at

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U.S.PATENT DOCUMENTS						
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/US/		2002/0073019 A1	06-13-2002	Deaton		
/US/		2002/0116457 A1	08-22-2002	Eshleman et al.		
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